

WHAT IS CLAIMED IS:

1 1. A system for transferring data between a peripheral device and an
2 intelligent host, said system comprising:
3 a peripheral device;
4 a cradle configured to be interfaced with said peripheral device, and wherein
5 said cradle is further configured to be interfaced with said intelligent host;
6 a one-button device configured to cause a transfer of data from said peripheral
7 device to said storage location; and
8 a computer useable medium having computer readable code embodied therein
9 for causing the interfacing of said peripheral device with said intelligent host, said computer
10 readable code further comprising:
11 (i) an interface recognizing code portion configured to cause
12 said peripheral device to recognize its interface with said cradle;
13 (ii) an interfacing code portion configured to cause said
14 peripheral device to interface with said intelligent host;
15 (iii) an external storage recognizing code portion configured to
16 cause said peripheral device to recognize a storage location on said intelligent
17 host;
18 (iv) a data transferring code portion configured to cause a
19 transfer of data between said peripheral device and said storage location,
20 wherein said system is configured to transfer all data stored on said peripheral
21 device to said host upon an automatic recognition of an interface between said peripheral
22 device and said host.

1 2. The system of claim 1 wherein said cradle is interfaced with said
2 intelligent host via a wireless connection.

1 3. The system of claim 1 wherein said cradle is interfaced with said
2 intelligent host via tethered connection.

1 4. The system of claim 1 wherein said automatic recognition occurs in
2 response to connecting said peripheral device with said cradle.

1 5. The system of claim 1 wherein said transfer of all data from said
2 peripheral device to said host occurs in response to activating said one-button device after
3 said peripheral device is connected with said cradle.

1 6. The system of claim 1 wherein said data comprises digital image data.

1 7. The system of claim 1 wherein said peripheral device comprises a
2 digital camera.

1 8. The system of claim 7 wherein said digital camera comprises a dual
2 mode digital camera having at least a first mode and a second mode of operation, wherein in
3 said first mode said peripheral device is a digital still camera, and in said second mode, said
4 peripheral device is a digital video camera.

1 9. The system of claim 1 wherein said cradle further comprises:
2 a base;
3 a pedestal connected with said base and configured to be connected with said
4 peripheral device, and having means for guiding the connection of said peripheral device and
5 said pedestal;

6 a pedestal connector connected with said pedestal and configured to be
7 connected with said peripheral device; and

8 a cable having a near end configured to be connected with said pedestal
9 connector,

10 and said cable having a far end configured to be connected with a far-end
11 connector,

12 wherein said cable is passed through said cradle so as to be connectable with a
13 peripheral device at its near end, and capable of interfacing with an intelligent host at its far
14 end.

1 10. The system of claim 9 wherein said pedestal is rotatably connected
2 with said base.

1 11. The system of claim 9 wherein said cable is a USB cable,
2 and wherein said cable's far-end connector is a USB connector,
3 and wherein said near end connector is a mini USB connector.

12. The system of claim 1 wherein said intelligent host is selected from the group consisting of a personal computer, a handheld computer, an interactive set-top box, a thin client computing device, a personal access device, a cellular telephone, an internet appliance, an internet connected digital picture frame and combinations thereof.

13. The system of claim 1 wherein said interface recognizing code portion further comprises routines for providing a visual indication to an operator to indicate that an interface between said peripheral device and said host is established.

14. The system of claim 13 wherein said visual indication is provided by a light emitting diode (LED), wherein said LED is activated upon recognizing that an interface between said peripheral device and said intelligent host is established.

15. The system of claim 1 wherein said data transferring code portion is configured to transfer data in at least a first mode and a second mode,
wherein in said first mode, said data transferring code portion causes a transfer of said data from said peripheral device to said intelligent host, and
wherein in said second mode, said data transferring code portion causes a transfer of data from said intelligent host to said peripheral device.

16. The system of claim 1 wherein said one-button device is a part of said peripheral device.

17. The system of claim 1 wherein said one-button device is a part of said cradle.

18. A system for transferring data between a peripheral device and an intelligent host, said system comprising:
a peripheral device, wherein said peripheral device comprises a digital camera having at least a first mode and a second mode of operation, wherein in said first mode said peripheral device is a digital still camera, and in said second mode, said peripheral device is a digital video camera;
a cradle configured to be interfaced with said peripheral device, and wherein said cradle is further configured to be interfaced with said intelligent host;

9 a computer useable medium having computer readable code embodied therein
10 for causing the interfacing of said peripheral device with said intelligent host; and
11 a one-button device configured to cause a transfer of data from said peripheral
12 device to said intelligent host,
13 wherein said system is configured to transfer all data stored on said peripheral
14 device to said host upon an automatic recognition of an interface between said peripheral
15 device and said host.

1 19. The system of claim 18 wherein said one-button device is a part of said
2 peripheral device.

1 20. The system of claim 18 wherein said one-button device is a part of said
2 cradle.

1 21. A system for transferring data between a peripheral device and an
2 intelligent host, said system comprising:

3 a peripheral device, wherein said peripheral device comprises a digital camera
4 having at least a first mode and a second mode of operation, wherein in said first mode said
5 peripheral device is a digital still camera, and in said second mode, said peripheral device is a
6 digital video camera,

7 a cradle configured to be interfaced with said peripheral device, and wherein
8 said cradle is further configured to be interfaced with said intelligent host, and wherein said
9 cradle further comprises,

10 a base;

11 a pedestal connected with said base and configured to be connected with said
12 peripheral device and having means for guiding the connection of said peripheral device and
13 said pedestal;

14 a pedestal connector connected with said pedestal and configured to be
15 connected with said peripheral device;

16 a cable having a near end configured to be connected with said pedestal
17 connector,

18 and said cable having a far end configured to be connected with a far-end
19 connector,

wherein said cable is passed through said cradle so as to be connectable with a peripheral device at its near end, and capable of interfacing with an intelligent host at its far end;

a computer useable medium having computer readable code embodied therein for causing the interfacing of said peripheral device with said intelligent host; and

a one-button device configured to cause a transfer of data from said peripheral device to said storage location, wherein said one-button device is a part of said peripheral device,

wherein said system is configured to transfer all data stored on said peripheral device to said host upon an automatic recognition of an interface between said peripheral device and said host.

22. A cradle configured to interface a digital camera with an intelligent host, said cradle comprising:

a base;

a pedestal connected with said base and configured to be connected with said peripheral device and having means for guiding the connection of said peripheral device and said pedestal;

a pedestal connector connected with said pedestal and configured to be connected with said peripheral device;

a cable having a near end configured to be connected with said pedestal connector,

and said cable having a far end configured to be connected with a far-end connector,

wherein said cable is passed through said cradle so as to be connectable with a peripheral device at its near end, and capable of interfacing with an intelligent host at its far end.

23. The cradle of claim 22 further comprising a one-button device configured to cause a transfer of data from said peripheral device to said intelligent host.

24. The cradle of claim 22 wherein said digital camera is a device having at least a first mode and a second mode of operation, wherein in said first mode said digital camera is a digital still camera, and in said second mode, said digital camera is an Internet digital video camera

1 25. A method of transferring data between a peripheral device and an
2 intelligent host, said method comprising:
3 connecting a cradle with an intelligent host;
4 connecting a peripheral device with said cradle; and
5 transferring data between said peripheral device and said intelligent host,
6 wherein said transferring comprises transferring all data from said peripheral device to said
7 host.

1 26. The method of claim 25 further comprising:
2 initializing said peripheral device, wherein said initializing further comprises,
3 recognizing a connection between said peripheral device and said intelligent
4 host;
5 interfacing said peripheral device with said intelligent host; and
6 recognizing by said peripheral device a storage location on said intelligent
7 host.

1 27. The method of claim 25 wherein said transferring occurs automatically
2 following said connecting said peripheral device with said cradle.

1 28. The method of claim 25 wherein said transferring occurs in response to
2 activating a one-button device.

1 29. The method of claim 28 wherein said one-button device is a part of one
2 of said peripheral device and said cradle.

1 30. The method of claim 25 wherein said peripheral device comprises a
2 digital camera having at least a first mode and a second mode of operation, wherein in said
3 first mode said peripheral device is a digital still camera, and in said second mode, said
4 peripheral device is a digital video camera.

1 31. The method of claim 25 wherein said cradle further comprises:
2 a base;
3 a pedestal connected with said base and configured to be connected with said
4 peripheral device;

5 a pedestal connector connected with said pedestal and configured to be
6 connected with said peripheral device; and
7 a cable having a near end configured to be connected with said pedestal
8 connector,
9 and said cable having a far end configured to be connected with a far-end
10 connector,

11 wherein said cable is passed through said cradle so as to be connectable with a
12 peripheral device at its near end, and capable of interfacing with an intelligent host at its far
13 end.

32. The method of claim 25 wherein said intelligent host is selected from
the group consisting of a personal computer, a handheld computer, an interactive set-top box,
a thin client computing device, a personal access device, a cellular telephone, an internet
appliance and an internet connected digital picture frame.

33. The method of claim 25 wherein said transferring data between said
peripheral device and said storage location on said intelligent host is configured to transfer
data in at least a first mode and a second mode,
wherein in said first mode, said data transferring is from said peripheral device
to said intelligent host, and

wherein in said second mode, said data transferring is from said intelligent
host to said peripheral device.